| • | •               |  |          |                   |          |           |     |                              |            |          |          |                     |          |            |                 |                 |           |             |       |             |          |          |          |                         | •        |              | •         |   |   |  |  |  |
|---|-----------------|--|----------|-------------------|----------|-----------|-----|------------------------------|------------|----------|----------|---------------------|----------|------------|-----------------|-----------------|-----------|-------------|-------|-------------|----------|----------|----------|-------------------------|----------|--------------|-----------|---|---|--|--|--|
|   | Index of Claims |  |          |                   |          |           |     |                              |            |          |          |                     |          |            | Application No. |                 |           |             |       |             |          |          |          |                         |          | Applicant(s) |           |   |   |  |  |  |
|   |                 |  |          |                   |          |           |     |                              |            |          |          |                     |          | 10/784,927 |                 |                 |           |             |       |             |          |          |          |                         | Miller   |              |           |   |   |  |  |  |
|   |                 |  |          |                   |          |           |     |                              |            |          |          |                     | Examiner |            |                 |                 |           |             |       |             |          |          |          | nit                     |          |              | T -       |   |   |  |  |  |
|   |                 |  |          |                   |          |           |     |                              | •          |          | -        | Louis J. Casaregola |          |            |                 |                 |           |             |       |             |          |          | 3746     |                         |          |              |           |   |   |  |  |  |
|   |                 |  |          |                   |          |           |     |                              |            |          |          |                     |          | _          | <del></del>     |                 |           |             |       | <del></del> |          |          |          |                         |          | _            |           |   |   |  |  |  |
|   |                 | √ Rejected –                                     |          |                   |          |           |     | (Through numera<br>Cancelled |            |          |          |                     | al) N    |            |                 | Non-Elected     |           |             |       | А           | Appeal   |          |          |                         |          |              |           |   |   |  |  |  |
|   |                 | = Allowed  |          |                   |          | +         |     |                              | Restricted |          |          |                     |          |            | 1               | Interferen      |           |             | ice   |             | 0        | Objected |          |                         |          |              |           | • |   |  |  |  |
|   | Claim           |  |          |                   |          | Cla       | im  | İ                            |            | D        |          | te                  |          |            |                 |                 | Clai      | aim         |       | Date        |          |          |          |                         |          | }            |           |   |   |  |  |  |
|   |                 | 27/28  |          | ate               |          | П         |     |                              |            |          |          |                     | Ī        | Ī          |                 |                 |           |             | Final |             |          |          | T        |                         | Ĭ        |              |           |   |   |  |  |  |
|   | Final           | 0335   |          |                   |          |           |     | Final                        | Original   |          |          |                     |          |            |                 |                 |           |             | ιĒ    | Original    |          |          |          |                         |          |              |           |   |   |  |  |  |
|   | P               |  | $\Box$   |                   | $\perp$  | $\square$ |     |                              | 51<br>52   | 4        | -        | 4                   | +        | -          | -               | $\vdash$        | $\dashv$  |             |       | 101<br>102  |          | _        | -        |                         |          | $\dashv$     |           |   |   |  |  |  |
|   |                 |  |          | $\exists \exists$ | $\dashv$ | $\Box$    | -   |                              | 53         |          | _        | 1                   | $\pm$    | 上          | 上               |                 | $\exists$ |             |       | 103         |          |          |          |                         |          | $\pm$        |           |   |   |  |  |  |
|   |                 |  |          |                   |          |           |     | $\Box$                       | 54         | $\Box$   | 4        | 1                   | $\perp$  | F          | $\vdash$        | $\square$       | $\exists$ |             |       | 104<br>105  | $\Box$   |          | $\perp$  |                         |          | $\Box$       | Ţ         | 1 |   |  |  |  |
|   | 16              | 0  |          |                   | +        | Н         | -   |                              | 55<br>56   | -+       | +        | +                   | +        | ╁          | ╁               | ╂═╂             | $\dashv$  |             |       | 106         | $\vdash$ | +        | ╁╌       | Н                       | $\vdash$ | +            | +         |   |   |  |  |  |
|   | 27              |  |          |                   | 工        |           |     |                              | 57         |          | 士        | 1                   |          |            |                 | 口               | $\exists$ |             |       | 107         |          | 土        |          | 口                       |          |              |           |   |   |  |  |  |
|   | 3 8             |  |          |                   |          | П         |     |                              | 58         | $\dashv$ | _        | 4-                  | 4        | 1          | _               | -               | _         |             | ļ     | 108         |          | -        | 4        |                         | Ш        | _            | $\bot$    |   |   |  |  |  |
|   | 4 9<br>6 10     | $\Psi\Psi$                                       |          |                   | - -      | H         | -   |                              | 59<br>60   | $\dashv$ | +        | +                   | $\dashv$ | ╫          | H               | H               | -         |             |       | 109<br>110  | $\vdash$ | +        | +        | Н                       | Н        | +            | ╁         |   |   |  |  |  |
|   |                 |  |          | - -               |          | H         | ŀ   |                              | 61         | _        | $\top$   | $\dagger$           | +        | 1          |                 |                 |           |             |       | 111         |          | 1/2      | :        |                         |          |              | †         |   |   |  |  |  |
|   | 12              |  |          |                   |          |           |     |                              | 62         | $\Box$   |          | $\bot$              | $\bot$   |            |                 | $\square$       |           |             |       | 112         |          | $\perp$  | $\perp$  |                         | $\Box$   | $\Box$       |           |   |   |  |  |  |
|   | 1B              | 0  | $\dashv$ |                   |          | Н         | -   |                              | 63<br>64   | $\dashv$ | +        | +                   | +        | +-         | ┼               | $\vdash$        | -         |             | -     | 113<br>114  | $\vdash$ | +        | ╀        | Н                       | ╌        | - -          | +         |   |   |  |  |  |
|   | 7 15            | 0  | -1       |                   |          | H         | ŀ   | $\dashv$                     | 65         | $\dashv$ | +        | ╁                   | ╁        | ╁╌         | <del> </del>    | H               | $\dashv$  | ::<br>::- : |       | 115         | H        | +        | +-       | Н                       | H        | +            | ╁         |   |   |  |  |  |
|   | 16              |  |          |                   |          |           |     |                              | 66         |          |          |                     |          |            |                 |                 |           |             |       | 116         |          |          |          |                         |          |              |           |   |   |  |  |  |
|   | 17              | Ш  | $\Box$   | $\dashv$          | _        | Ш         |     |                              | 67         | 4        | 4        | +                   | +        | +          | 1               | Н               | _         |             |       | 117         | -        | - -      | +-       | Н                       | $\sqcup$ | _            |           |   |   |  |  |  |
|   | 18              | $\vdash$   | $\vdash$ |                   |          | Н         | ŀ   | -+                           | 68<br>69   | +        | +        | +                   | ╁        | ╁          | -               | -               | $\dashv$  |             |       | 118<br>119  | $\dashv$ | +        | ╁        | Н                       | ╌┤       | +            | +         |   |   |  |  |  |
|   | 20              |  |          |                   |          | $\Box$    | ŀ   | 一十                           | 70         | 士        |          |                     |          |            |                 |                 |           |             |       | 120         |          | 1        |          |                         |          |              |           |   |   |  |  |  |
|   | 21              |  |          |                   | $\Box$   |           | - [ |                              | 71         | $\Box$   | $\Box$   | 1                   | 1        | 1          | L               | П               | _         |             |       | 121         |          |          | _        |                         | Щ        | 4            | $\perp$   |   |   |  |  |  |
|   | 22<br>23        | -  | $\dashv$ | $\dashv$          |          | H         | ŀ   |                              | 72.<br>73  | -        | +        | +                   | +        | -          | ├               | $\vdash$        | -         |             | ļ     | 122<br>123  | -        |          | +        | Н                       | Н        | +            | Н         |   |   |  |  |  |
|   | 23              | $\vdash$   | -++      | $\dashv$          | - -      | Н         | ŀ   | _                            | 74         | +        | 十        | +                   | +        | +          | t               | $\vdash$        | $\dashv$  |             |       | 124         |          | +        | 1-       | $\vdash$                | $\vdash$ | +            | ╅┪        |   |   |  |  |  |
| • | 25              |  |          |                   |          |           |     | $\Box$                       | 75         |          | $\perp$  | I                   |          | $\Box$     |                 |                 |           |             |       | 125         | $\Box$   |          |          |                         |          |              |           |   |   |  |  |  |
|   | 26<br>27        |  | +        | $\dashv$          | _        | Н         | -   |                              | 76<br>77   | -        | +        | +                   | +        | ╀          | -               | $\vdash$        |           |             |       | 126<br>127  | -        | +        | ╀        | Н                       | $\dashv$ |              | +         |   |   |  |  |  |
|   | 28              | HH   | +++      | $\dashv$          |          | Н         | -   |                              | 78         | +        | +        | +                   | +-       | ╁╴         | -               | H               | $\dashv$  |             |       | 128         | -        | +-       | +        | Н                       | 1        | +            | +         |   | • |  |  |  |
|   | 29              |  |          |                   |          |           |     |                              | 79         |          | 土        |                     | 士        |            |                 |                 |           |             |       | 129         |          | 工        |          |                         |          | 工            |           |   |   |  |  |  |
|   | 30              |  |          |                   | 4        |           |     |                              | 80         |          | 4        | 4                   | 4        | 4_         | _               | 11              |           |             |       | 130         | -        | 4        | 4_       | $\square$               | $\Box$   | 4-           | 4-4       |   |   |  |  |  |
|   | 31<br>32        | -  |          | - -               | +        | Н         | ╟   |                              | 81<br>82   | $\dashv$ |          | ╁                   | ╁        | ╀          | ├               | H               | $\dashv$  |             |       | 131<br>132  | $\dashv$ | ╁        | $\vdash$ | H                       | $\dashv$ | +            | +         |   |   |  |  |  |
|   | 33              |  |          | $\dashv$          | +        | Н         | ŀ   |                              | 83         | 十        | +        | +                   | Ť        | 1          | Н               | Н               | $\neg$    |             |       | 133         | $\dashv$ | Ť        |          | Н                       | 1        | $\top$       | $\Box$    |   |   |  |  |  |
|   | 34              |  |          | $\Box$            |          |           |     |                              | 84         | $\Box$   | $\top$   | I                   |          | oxdot      |                 |                 |           |             |       | 134         |          |          |          |                         | $\Box$   |              |           |   |   |  |  |  |
|   | 35              |  | $\dashv$ | $\dashv$          | 4-       |           | -   |                              | 85         | +        | 4        | +                   | 4-       | ┼-         | <del> </del>    | $\vdash \vdash$ | -         |             |       | 135<br>136  | +        | +-       | +-       | $\mid \rightarrow \mid$ | $\dashv$ | +            | +         |   |   |  |  |  |
|   | 36              | <del>                                     </del> |          |                   | $\dashv$ | -         | ╬   |                              | 86<br>87   | +        | +        | +                   | +        | +-         | $\vdash$        | $\vdash \vdash$ | $\dashv$  |             |       | 136         | $\dashv$ | +        | †        | H                       | $\dashv$ | +            | +         |   |   |  |  |  |
|   | 38              |  |          |                   | _        |           | 計   |                              | 88         | _        | <u> </u> | 丁                   | 士        | 上          |                 | 口               |           |             |       | 138         | 士        | 1        |          | 口                       |          | 士            | $\Box$    | • |   |  |  |  |
|   | 39              |  | $\Box$   | Ш                 | $\perp$  |           | - [ |                              | 89         | $\Box$   | Ţ        | 1                   | $\perp$  | 1          | $\Box$          | П               | _         |             |       | 139         | $\bot$   | 4        |          | П                       | $\Box$   | T            | П         |   |   |  |  |  |
|   | 40              |  |          | $\dashv$          |          | H         | ŀ   |                              | 90<br>91   | $\dashv$ |          | +                   | +        | +          | $\vdash$        | $\vdash \vdash$ | $\dashv$  |             |       | 140<br>141  | -+       | +        | +        | $\vdash \dashv$         |          | +            | H         |   |   |  |  |  |
|   | 41              |  | ++       | ++                |          | H         | +   |                              | 92         | +        | +        | +                   | +        | †-         | -               | $\vdash$        | $\dashv$  |             |       | 142         | $\dashv$ | +        | +        | H                       | $\dashv$ | +            | $\forall$ |   |   |  |  |  |
|   | 43              |  |          |                   |          |           |     |                              | 93         | $\Box$   |          | 1                   | 1        |            |                 |                 |           |             |       | 143         |          | I        |          | $\square$               | $\Box$   |              |           |   |   |  |  |  |